Index to Authors 2001

A

Abdullah, B J J, 675
Abernethy, L, 875
Adams, R, 811
Ahn, M I, 490
Ahuja, A T, 226
Aird, E G, 56
Akahoshi, K, 1017
Akiba, H, 1013
Akkoclu, A, 1056
Al-Jeroudi, A, 375
Al-Saadi, A, 429
Allan, R (A), 475, 955
Alm Carlsson, G, 520
Almén, A, 520
Anderson, R, 42
Antoun, N M, 552, 642
Aoki, J, 277
Apter, S, 767
Arai, Y, 448
Aramaki, T, 448
Argyropoulou, M I, 407
Armstrong, A C, 991
Ashebu, S, 283
Ashizawa, K, 89, 875, 959
Ashleigh, R, 811
Aso, N, 89
Atar, E, 767
Ater, J L, 452
Au, V W K, 86
Au Yeung, P, 331
Avilés Lucas, P, 1128
Aviv, R, 1091
Awasthi, M, 83
Ayabe, H, 959
Ayala, A G, 452
Ayers, A B, 1083

B

Badr, S, 283
Baker, D, 1091
Bakker, E J, 434
Balan, K K, 295
Ball, D, 671
Ball, S, 955
Bang, N, 752
Barber, R W, 303
Beacock, D J, 384
Beardmore, C, 249
Beardsmore, C S, 701
Bedford, J L, 177
Beggs, I, 773
Bell, K, 926
Belli, A-M, 134, 375, 648, 690, 877
BennedbÆk, F N, 905
Berman, L, 183
Bernardi, G, 852
Berrington, A, 507
Besjakov, J, 520
Besser, G M, 968
Beyer, J, 962
Beyrer, K, 121
Bidmead, A M, 249
Bird, N J, 303
Birnbaum, B A, 1149
Black, C, 1091
Black, M, 103
Blake, G M, 341
Blann, A D, 811
Bleakney, R, 1146
Bloomer, T N, 384
Boehm, T, 42
Bomanji, J B, 266
Bomford, C K, 978
Bonser, R, 1158
Booth, A, 607
Borel Rinkes, I H M, 1007
Borstlap, A C W, 420
Bownes, P J, 56
Brady, M, 1048
Brealey, S, 307
Brenner, C, 393
Brettle, D S, 69
Breuer, C, 859
Briley, M S, 123
Broerse, J J, 720
Brown, M, 317
Browne, R F J, 127
Brun, M, 24
Bryceson, A D M, 1052
Burnet, N G, 552
Burwood, R J, 715
Byun, J Y, 142
Bywaters, A, 434

C

Cadiot, G, 1065
Callaway, M P, 563
Canney, P A, 262
Carpenter, T A, 642
Carty, H, 875
Casagrande, F, 638
Castellano, I A, 1132
Castillo, M, 83
Cesar, L J, 195
Chaliassos, N, 407
Chan, K W, 331
Chan, T L, 162
Chan, Y L, 566
Chang, C-N, 378
Chang, H-Y, 378
Chang, H-Y, 602
Chateil, J-F, 24
Chatrath, P, 103
Chavda, S V, 662
Chen, J-F, 602
Chen, K-M, 1103
Chen, W-J, 651
Cheung, K L, 402
Cheung, Y K, 162
Cheung, Y-C, 1148
Ching, A S C, 566
Chittenden, S, 429
Choi, B G, 142, 490
Choi, K H, 142
Chow, C B, 1170
Chung, M H, 490
Clarke, J C, 926
Clarke, S E M, 486
Claussen, C D, 280
Coche, E, 189, 1059
Collie, D A, 977
Condon, B, 847
Connolly, D J A, 183
Connor, S E J, 662
Conroy, L, 775
Conry, B G, 715
Cook, G J R, 399
Cook, J V, 1032
Cooke, J, 825
Coombs, N J, 123
Cooper, A, 862
Corbett, R H, 883, 987
Corr, P, 669
Costa, D C, 266
Costaridou, L, 841, 913
Coulden, R A, 230
Coultas, P G, 77
Coulter, C, 266
Coulthard, A, 458
Cox, T, 103
Cranley, K, 926
Crawley, M T, 259, 607
Curtis, J, 192
Cuthbertson, L M, 684
Czerniak, B A, 452

D

Dahniya, M H, 283
Daly, T R, 195
Damilakis, J, 243
Dance, D R, 520, 1072, 1132
Darby, S C, 507
Dawson, A, 856
Day, J H, 1052
Dearnaley, D P, 177
Debray, M P, 1065
Debus, S, 590
Dechambre, S, 1059
Deehan, C, 262, 529
Dendo, S, 448
Denman, A R, 1077
Diard, F, 24
Dick, E A, 1091
Dinkel, H-P, 590
Doll, R, 507

Index to Volume 74

Drury, A E, 955
Duchateau, F, 1059

E

Earis, J, 192
Eberlein, K, 368
Eccles, C, 317
Efremidis, S C, 407
Efstathopoulos, E P, 841
Eftekhari, F, 452
El-Beltagi, A, 283
El-Saghir, E, 283
Ell, P J, 266
Ellis, J R C, 478
Emery, C J, 1109
Endo, K, 277
English, R, 1048
Entwisle, J, 701
Erden, A, 764
Essapen, S, 73
Evans, C J, 290, 978
Evans, C, 495
Evans, J C, 192, 1118
Evans, P A, 537

F

Fan, S F, 445
Fang, L, 1109
Farkas, A, 901
Farrant, P, 952
Faulkner, K, 1125
Fernández, R, 153
Fernandez, J M, 48
Finlay, D B L, 1118
Fioretti, P M, 852
Fisher, D, 901
Fitoz, S, 764
Fitzgerald, M C, 1032
Fleck, M, 42
Fliedner, T M, 121
Flux, G D, 429
Fogelman, I, 341
Folkard, M, 56
Fong, R Y L, 883
Francis, I, 1091
Frantzen, M J, 420
Freeman, A H, 4
Freesmeyer, M, 42
Friedman, E, 1154
Friesecke, I, 121
Fritsch, T, 42
Fujii, H, 821
Fujimoto, T, 455
Fung, K K L, 358
Fuwa, N, 709

G

Gabata, T, 273
Gacinovic, S, 266
Galvan, C, 1023
Gaschen, L, 411
Gayer, G, 767
Gaze, M N, 266
Geater, A R, 1041
Geleijns, J, 720
Gellett, L R, 382
Geoffroy, O, 1065
Giannuleas, J D, 852
Gibson, M, 975
Gilboy, W B, 358
Gill, J R, 1078
Gillard, J H, 552, 642
Gleeson, F V, 478
Goddard, A J P, 384
Goddard, P, 949
Goicolea, J C, 852
Goicolea, J, 1023
Golding, S J, 127
González, L, 48, 153
Gonzalez, L, 1023
Goodsitt, M, 323
Görg, C, 962
Gourtsoyiannis, N, 243
Graham, A, 471, 565
Grant, K A, 15
Greenall, M, 1048
Griffiths, P A, 1077
Gross, B H, 328
Grossman, A B, 968
Grunebaum, M, 595, 818
Gu, W Z, 445
Guest, P, 1158
Guibelalde, E, 48
Günlemez, A, 764

H

Haage, P, 859
Hadas-Halpern, I, 901
Haddon, L, 382
Hadley, D M, 847
Hagiwara, A, 270
Hamilton, G, 1091
Hamilton, S, 393
Hammersley, P A G, 429
Han, J-Y, 142
Hanna, R M, 283
Hannan, W J, 166
Hara, A, 657
Hara, R, 805
Harada, N, 1017
Harden, S V, 1041
Hareyama, M, 1013
Harmer, C L, 429
Hasegawa, M, 32
Hawkins, R E, 991
Hayashi, K, 89, 875, 959
Healy, W L, 503
Hegedüs, L, 905
Henry-Feugeas, M C, 1065
Hess, C F, 368
Highnam, R, 1048
Hiratsuka, T, 455
Ho, C, 602
Ho, L W C, 402
Hodgson, R, 847
Hoeffner, E G, 323
Hollaway, P B, 615
Honda, T, 32
Hopkins, R E, 975
Hopkins, R, 563
Horrocks, J A, 157
Hounsell, A R, 98
Howard, R G, 331, 1163
Huang, C L-H, 642
Huang, C-C, 651
Husband, D J, 15, 977
Hwang, H Y, 654
Hyder, S W, 266

I

Ide, M, 821
Ikeda, M, 805
Inaba, Y, 448
Inoue, T, 695
Inoue, T, 695
Inoue, Y, 270
Isobe, K, 805
Isota, M, 147
Ito, H, 805
Ito, Y, 709
Itzchak, Y, 767

J

Jackel, M C, 368
Jackson, A, 234*
Jackson, J (E), 471, 565
Jackson, R W, 908
Jacob, R, 856
Jacobs, J E, 1149
Jan, W, 103, 773
Jaspan, T, 862
Jia, Y-F, 1103
Jin, W, 654
Jo, Y, 203
Joannides, T, 856
Johnston, A T, 1142
Joiner, M C, 56
Jones, A, 486, 949
Jones, D N, 86
Jones, N F, 920
Jorgenson, L L, 195
Joseph, A E A, 955
Jung, J I, 490
Jung, S E, 142

K

Kabala, J, 949

Index to Authors—continued

Kadni, T, 290, 978
Kaiser, W A, 42
Kalapurakal, J A, 745
Kale, H A, 186
Kalra, P A, 213
Kamata, M, 709
Kaminou, T, 147
Kao, P-F, 378
Karstrup, S, 905
Kato, Y, 455
Kaya, A, 1007
Keat, N, 1088
Keenan, L Y, 684
Keenan, R A, 1146
Keene, M H, 157
Kehagias, D, 469.
Kelly, B E, 926
Kemerink, G J, 420
Kenyon, G S, 157
Kessar, P, 548
Khan, A L, 1146
Kheddache, S, 520
Khoo, U S, 402
Khoo, V S, 177
Kim, H H, 490
Kim, H S, 490, 654
Kim, H, 490
Kim, K J, 490
Kim, T, 695
Kimura, S, 805
King, A D, 226
Kinoshita, H, 270
Kiortsis, D N, 407
Kirchner, E M, 1003
Kirchner, J, 1003
Kirkpatrick, U, 811
Kitamura, T, 455
Knowles, C, 73
Ko, S-F, 651
Kobayashi, S, 273
Kocsis, O, 841
Kodaira, T, 709
Konen, O, 595, 818
Kooiman, G G, 965
Kotre, C J, 629
Kottou, S, 836
Koulentianos, E, 727
Koyanagi, N, 1017
Kubo, A, 821
Kung, C M, 162
Kuosma, E, 255
Kusano, H, 959
Kwok, C S, 621
Kyriou, J C, 1032
Kyriou, J, 134

L

Lacey, N A, 486
Laddie, J R L, 123
Lagrange, J-L, 638
Lai, M, 932
Laissy, J P, 1065
Langmack, K A, 789
Lanhede, B, 520
Lau, P C, 932
Laude, E A, 1109
Laurence, A S, 875
Law, J, 1121
Lawson, J M, 56
Lazar, L, 818
Le Manh, C, 24
Lebtahi, R, 1065
Lee, S H, 891
Lee, S Y R, 1162
Lee, T-Y, 651
Lei, K I K, 226
Leslie, A, 949
Leung, E Y F, 402
Levack, P, 977
Leverment, J, 701
Lewis, C A, 883
Lewis, M A, 779
Li, F, 32
Liddicoat, A J, 1118
Lin, J-D, 602
Lin, J-W, 651
Lin, K-J, 378
Lindsay, K A, 529
Lo, T C M, 503
Lurie, D J, 782
Lyubimova, N V, 77

M

Macaya, C, 48, 1023
Madiwale, C M, 186
Magné, N, 638
Mahnken, A H, 859
Mali, W P Th M, 1007
Malich, A, 42
Malone, J, 852
Mamtora, H, 213
Manginas, A, 852
Månsson, L G, 520
Marcié, S, 638
Marcus, R E, 1041
Marsden, P J, 1169
Martin, K, 642
Martin, R F, 77
Martin, S, 1077
Maruyama, Y, 32
Marzocchi, A, 852
Maskell, G F, 382
Matson, M B, 134, 690
Matsueda, K, 448
Matsui, O, 273
Matsumoto, T, 203, 657
Matsunaga, N, 657
Matsuoka, T, 147
Matsushita, M, 695
Mattsson, S, 520
Mauch, C, 42
Mayes, C R, 56
Mazonakis, M, 243
McCollum, C N, 811
McCready, V R, 429
McNally, E G, 183
McNee, S G, 209
McVey, G, 520
McNeill, J, 852
Meer, Z F, 877
Meeson, S, 615, 825
Meiggs, L, 1023
Meire, H B, 952
Metafratzi, Z, 407
Metreweli, C, 331, 1171
Mieli-Vergani, G, 952
Mignon, M, 1065
Miller, S, 280
Minami, K, 89
Mittal, B B, 745
Mittal, T K, 495
Moll, R, 590
Moloney, A J, 537
Monson, J P, 968
Mooi, W J, 434
Morcos, S K, 1103, 1109
Morgan-Fletcher, S L, 294
Morgan, R (A), 134, 648, 690
Morgan, S, 877
Morimoto, A, 147
Morocutti, G, 852
Morris, G M, 434
Moss, E, 62
Motoori, K, 805
Mould, R F, 677
Mountford, P J, 537
Mubata, C D, 249
Muhtaseb, S A, 283
Muir, C, 684
Muir, G H, 965
Murray, D, 1075
Mutch, S, 259

N

Nagaie, T, 1017
Nagamine, R, 203
Nakahara, T, 821
Nakamura, H, 695
Nakamura, K, 147
Nakanishi, K, 1017
Nalder, C A, 249
Naser, S, 811
Nawata, H, 1017
Nazos, I, 727
Neeman, M, 886
Negus, I S, 920
Neofotistou, E, 852

Index to Volume 74

Nettleton, J S, 1078
Ng, K-H, 675
Ng, S-H, 651, 1152
Nielsen, M B, 752
Nikolaou, D, 727
Nisbet, A, 735
Nishida, N, 147
Nishiumi, N, 821
Nixon, T E, 1122
Noirhomme, P, 189
Nomoto, Y, 709
Nyekiova, M, 259

O

O'Donoghue, D J, 213
Obermann, W R, 720
Oeppen, R S, 759
Oh, E, 328
Oi, H, 695
Okimoto, T, 959
Old, S E, 303
Olliff, J F, 556
Ollivier, L, 983
Osadchy, A, 1062
Osborn, S B, 1072
Osei, E K, 629
Osterhammel, P A, 752
Owen, N J, 968
Oxtoby, J, 219

P

Pablot, S M, 1032
Padhani, A R, 886, 983
Padovani, R, 852
Palarm, T W, 920
Pan, K-T, 1152
Panayiotakis, G, 841, 913
Pang, S Y, 621
Papadakis, N G, 642
Papadimitriou, D, 836
Park, S H, 142, 490
Patankar, T, 83
Patel, S, 219
Patel, U, 134
Patlas, M, 901
Pearson, D, 62
Pedersen, J F, 752
Pédespan, J-M, 24
Peeters, P H M, 1007
Peh, W C G, 1167
Peppercorn, P D, 157, 968
Perkins, T, 495
Peterson, B, 323
Pettet, A, 1032
Pickard, J D, 552, 642
Pieters, T, 189
Pignol, J-P, 638
Pijnappel, R M, 1007
Pilling, D, 875
Pimpalwar, S, 908
Plane, J H, 291
Platts, A, 1091
Portnoy, O, 767
Pradier, O, 368
Prakasha, B, 856
Prasad, S R, 186
Prassopoulos, P, 243
Price, C J S, 642
Price, R, 1075
Proukakis, Ch, 351, 727

Q

Quint, D J, 323, 328

R

Raichura, N, 701
Ramli, N, 862
Ramsdale, M L, 825
Rasmussen, A N, 752
Rathaus, V, 595, 818
Rathod, K R, 186
Rawlings, D, 775
Rea, J A, 341
Reddy, C, 259
Reilly, A J, 938
Reznek, R H, 157, 968
Rezo, A, 671
Ridgway, J P, 384
Riley, P, 1150
Robinson, G D, 1118
Robson, K J, 335
Roebuck, D J, 331
Rogers, A T, 62
Romaniuk, C S, 15
Rooney, S, 1158
Rose, J D G, 908
Rosenthal, E, 323
Roskell, D, 1048
Routsis, D S, 1041
Royle, G T, 123
Rubin, C M, 123
Rust, A, 825
Ryan, P J, 1137

S

Sakai, G, 147
Sakellaropoulos, P, 913
Samat, S B, 290, 978
Sandborg, M, 520
Sanderson, R, 262
Sandilos, P, 351
Sathiaseelan, V, 745
Scally, A J, 307
Scheule, A M, 280
Schouman-Claeys, E, 1065
Schueler, B A, 195
Schultz, F W, 420
Schuurman, H-J, 411
Sevinc, C, 1056
Seymour, H R, 134
Shah, K, 1032
Shah, P, 83
Shah, S S, 1145
Shapiro Feinberg, M, 595, 1062
Shapiro, M, 818
Sharma, A, 1154
Shaw, P, 1052
Shek, T W H, 1167
Sheth, R J, 186
Shirafuji, T, 959
Shohtsu, A, 821
Shorvon, P J, 375
Shouji, K, 709
Shurrab, A E, 213
Shutoh, T, 270
Sidhu, P S, 965
Silbermann-Hoffman, O, 1065
Sivananthan, U M, 384
Slavotinek, J P, 86
Smith, E T, 1122
Smith, P H S, 926
Smith, W H T, 384
Soejima, A, 1017
Sohaib, S A, 157
Sohaib, S A A, 968
Sone, S, 32
Sonnex, E P, 230
Soussotte, C, 24
Spedicato, L, 852
Sriprasad, S, 965
Stauder, N I, 280
Stefanoyiannis, A P, 913
Suga, K, 657
Summers, D, 977
Sund, P, 520
Sutton, D G, 938, 987

T

Tait, D, 73, 249
Takahashi, W, 821
Takano, H, 805
Takashima, S, 32
Takeda, M, 1013
Tamakawa, M, 1013
Tan, H M, 1159
Tanaka, E, 695
Tanaka, T, 448
Tasker, A D, 230
Taubel, J P, 195
Taylor, P J, 1041
Tchou, J, 1048
Teeuwisse, W M, 720
Teh, J, 1154
Ten, J I, 48, 1023
Teshima, T, 695
Thacker, N A, 234
Thomas, S J, 1041

Index to Authors—continued

Thompson, W (R), 471, 565
Tingberg, A, 520
Tins, B, 219
Tomás, F J, 756
Toms, A P, 295
Tothill, P, 166
Tsai, M-F, 378
Tsalafoutas, I A, 351, 727
Tsampoulas, C, 407
Tsapaki, V, 836
Tsapaki, V, 852
Tsheole-Marishane, L, 669
Tsushima, Y, 277
Tuck, J S, 571
Tung, K, 759
Tzen, K-Y, 378

U

Uçar, T, 764
Ueda, T, 805
Umaria, N, 556, 662
Underhill, H, 955
Ungureanu, E, 913
Uno, T, 805

V

van Engelshoven, J M A, 420
van Vroonhoven, T J M V, 1007
van den Aardweg, G J M J, 434
Vañó Carruana, E, 1132
Vano, E, 48, 1023
Vañó, E, 153
Vaño, E, 852
van Persijn van Meerten, E L, 720
Varveris, H, 243
Vehmas, T, 255
Verkooijen, H M, 1007
Violon, D, 1097
Virjee, J, 563
Vlahos, L, 351, 469

W

Waddington, W A, 1161
Wainwright, A, 607
Wakasa, K, 270
Wakeley, C, 949
Waldek, S, 213
Waldman, A D B, 1052
Walker, A, 571
Wall, B F, 785
Waller, M L, 100
Wallis, L, 648
Wallis, M G, 317, 615, 825
Wan, Y-L, 651, 1152
Wang, Y-X J, 1103
Warburton, E A, 642
Ward, A, 735
Warren, R, 548
Watkinson, A, 1091
Watson, S, 671
Watt-Smith, S R, 127
Weatherburn, H, 259
Webb, S, 177
Weiss, E, 368
Weiss, H A, 507
Werner, M, 595, 818
Weynand, B, 189
Wheldon, E G, 529
Wheldon, T (E), 262, 529
Whitehouse, G H, 1
Wilkinson, J M, 292
Wilkinson, K, 671
Wilkinson, S, 166
Williams, M V, 1041
Williams, P C, 98
Wollenberg, B, 962
Wong, E T H, 932
Wong, Y C, 932
Wood, A M, 495
Woolfall, P, 458
Wright, F W, 874
Wright, N (B), 575, 875

Y

Yakoumakis, E, 351, 727
Yam, M, 1048
Yama, N, 1013
Yamada, R, 147
Yamada, S, 277
Yamamoto, S, 805
Yamazaki, H, 695
Yang, D M, 654
Yang, Z-G, 32
Yasuda, S, 805
Yasuda, S, 821
Yilmaz, E, 1056
Yim, W S, 621
Yip, W M, 621
Yoon, M H, 654
Yoshida, S, 1013
Yoshinaga, S, 1017
Young, K C, 615, 825
Yu, S K, 162, 932
Yuen, K, 77
Yuen, M K, 162

Z

Zaghal, I, 901
Zhang, J M, 445
Ziemer, G, 280
Zink, F E, 195
Zissin, R, 595, 762, 767, 1062
Zoetelief, J, 420

SUBJECT INDEX 2001

RADIODIAGNOSIS

Techniques/Subspecialties
Radiography
Ultrasound
MRI
CT
Interventional radiology
Angiography
Nuclear Medicine
Paediatric Radiology
Oncology
Breast
Statistics
PET

Genitourinary tract
General urinary tract
Paediatric urinary tract
Gynaecology
Obstetrics
Male genital system

Central nervous system

Head and neck
Orbits
Dental
Sinuses
Ear, nose and throat

Respiratory tract

Cardiovascular system
Acquired heart disease
Congenital heart disease
Great vessels
Peripheral arterial system
Peripheral venous system
Lymphatic system

Skeletal
Congenital
Trauma
Tumour
Haemipoetic
Spine
Bone densitometry

Digestive system
Salivary glands
Pharynx/oesophagus
Stomach
Small intestine
Colon and rectum
Biliary
Liver
Pancreas

Soft tissues

Endocrine system
Thyroid
Adrenals

Mediastinum

Contrast media

Clinical audit and management

PHYSICS AND TECHNOLOGY

Diagnostic radiology physics
Conventional
CT
Dental
Mammography
Image processing/perception/quality/image analysis
PACS/image handling/3D
QA/protection
Dose calculation/measurement/instrumentation
Bone densitometry
Detectors

Radiotherapy physics
Photon therapy
Brachytherapy
Equipment/linear accelerators
Conformal therapy/multileaf/portal imaging
Radiotherapy imaging/simulation
Radionuclide therapy
Treatment planning/dose computation
QA/protection
Dose measurement/calibration/instrumentation

Nuclear medicine
Equipment/gamma camera/PET/SPECT
QA/protection

Ultrasound
Instrumentation/QA

Magnetic resonance
Instrumentation/imaging
QA/protection

RADIOTHERAPY AND ONCOLOGY

Clinical systems
Head and neck
Genitourinary
Gastrointestinal
Breast
Leukaemia
Thyroid
Others

Clinical radiotherapy
External beam
3D treatment planning/normal tissue sparing
Conformal therapy/dose escalation
Isotope therapy
Toxicity and symptom management

Chemotherapy
Combined chemoradiation

Clinical management and audit

Novel and combined treatment modalities
Hyperthermia
Radiation/chemotherapy

General

RADIOBIOLOGY

Biological basis of radiological protection
Carcinogenesis
Occupational and medical exposures

Radiobiology as applied to radiotherapy
Normal tissue toxicity
Tumour models
Dose rate
Protectors

Mathematical models
Tumour proliferation kinetics

EDUCATION

COMMENTARIES

BOOK REVIEWS

INFORMATION FOR AUTHORS

RADIODIAGNOSIS

Techniques/Subspecialties

Radiography

Artefacts found in computed radiography (Pictorial Review), 195

The role of preliminary interpretation of chest radiographs by radiographers in the management of acute medical problems within a cardiothoracic centre, 230

Influence of radiologists' sex and training on fluoroscopy doses during barium enema, 255

Alternative radiographic projections of the ulnar coronoid process (Short communication), 756

Ultrasound

The use of beam angulation to overcome anisotropy when viewing human tendon with high frequency linear array ultrasound (Short communication), 183

Pseudolesion in segment IV of the liver adjacent to the falciform ligament caused by drainage of the paraumbilical vein: demonstration by power Doppler ultrasound (Case report), 273

Renal allograft vasculopathy: ultrasound findings in a non-human primate model of chronic rejection, 411

Hypoechoic area as an ultrasound finding suggesting subserosal invasion in polypoid carcinoma of the gall bladder (Case report), 455

Colour flow Doppler ultrasound of the carotid bifurcation: can it replace routine angiography before carotid endarterectomy? 590

Hepatic vein transit time of an ultrasound contrast agent: simplified procedure using pulse inversion imaging (Short communication), 752

Ultrasound *vs* CT for the detection of ureteric stones in patients with renal colic, 901

Ultrasound guided laser ablation of a parathyroid adenoma, 905

MAPD—an objective way to select mAs for paediatric brain CT, 932

Improved diagnosis of extraheptic biliary atresia by high frequency ultrasound of the gall bladder (Short communication), 952

Calcification in invasive tracheal aspergillosis demonstrated on ultrasound: a new finding (Case report), 955

Reversed portal vein pulsatility on Doppler ultrasound secondary to an iatrogenic mediastinal haematoma (Case report), 962

Acute segmental testicular infarction: differentiation from tumour using high frequency colour Doppler ultrasound (Case report), 965

Transit endoscopic ultrasound of colorectal cancer using a 12 MHz catheter probe, 1017

Stromal tumour within a Meckel's diverticulum: CT and ultrasound findings (Case report), 1142

MRI

MRI in the diagnosis and treatment of suspected malignant spinal cord compression, 15

MRI and clinical differences between optic pathway tumours in children with and without neurofibromatosis, 24

The role of MRI in facial swelling due to presumed salivary gland disease, 127

Gadolinium enhanced three-dimensional magnetic resonance portography with subtraction, 147

MRI of primary non-Hodgkin's lymphoma of the palatine tonsil, 226

MRI diagnosis of a previously undiagnosed large trabecular ventricular septal defect in an adult after multiple catheterizations and angiocardiograms (Case report), 280

Magnetic resonance evaluation of the pericardium (Pictorial review), 384

MR findings of malignant melanoma of the vagina (Case report), 445

Trigeminal nerve: anatomy and pathology (Pictorial review), 458

Renal arteriography using gadolinium enhanced 3D MR angiography—clinical experience with the technique, its limitations and pitfalls, 495

A method of coil localization for breast lesions seen only on MRI (Short communication), 548

MR diffusion tensor imaging of white matter tract disruption in stroke at 3 T (Short communication), 642

Imaging of giant tumours involving the anterior skull base (Pictorial review), 662

Breath-hold MRI in evaluating patients with pectus excavatum, 701

Retrograde venous invasion causing vertebral metastases in renal cell carcinoma (Case report), 759

DiGeorge syndrome associated with left lung aplasia (Case report), 764

Detection of nasopharyngeal carcinoma: fast short time inversion recovery images compared with fat suppression, contrast enhanced T_1 weighted spin echo images, 805

Silicosis-induced pulmonary artery stenosis: demonstration by MR angiography and perfusion MRI (Case report), 859

High resolution CISS imaging of the spine (Pictorial review), 862

Sedation, safety and MRI (Correspondence), 875

Author's reply (Correspondence), 875

Provision of MRI can significantly reduce CT collective dose, 926

Anterior mediastinal bronchogenic cyst: demonstration of complicating malignancy by CT and MRI (Case report), 959

MRI of pancreatic neuroendocrine tumours (Pictorial review), 968

Assessment of MSCC using MRI (Correspondence), 977

Author's reply (Correspondence), 977

Melanoptysis: findings on CT and MRI, 1003

CT and MRI appearance of a fistula between the right and left main bronchus caused by tracheobronchial tuberculosis (Case report), 1056

Imaging appearances of metastases from neuroendocrine tumours of the pancreas (Pictorial review), 1065

A national survey of attitudes towards the use of MRI in patients known to have intracranial aneurysm clips, 1118

Metastatic pulmonary calcification in renal failure: a new HRCT pattern (Case report), 1154

CT

CT and bowel disease (Review article), 4

Visibility of small peripheral lung cancers on chest radiographs: influence of densitometric parameters, CT values and tumour type, 32

Cerebral cryptococcosis: atypical appearances on CT (Case report), 83

The findings of ruptured hepatocellular carcinoma on helical CT, 142

The effect of decreasing mAs on image quality and patient dose in sinus CT, 157
Non-specific interstitial pneumonia showing a "crazy paving" pattern on high resolution CT (Case report), 189
Thrombosed double inferior vena cava mimicking paraaortic lymphadenopathy (Case report), 192
Pseudolesion in segment IV of the liver adjacent to the falciform ligament caused by drainage of the paraumbilical vein: demonstration by power Doppler ultrasound (Case report), 273
Ischaemic ileal stenosis following blunt abdominal trauma and demonstrated by CT (Case report), 277
Development of a protocol for coronal reconstruction of the maxillofacial region from axial helical CT data, 323
Identification of vertebral arteries on CT of the chest, 328
CT appearances of HIV-related lipodystrophy syndrome (Case report), 382
Calcifying fibrous pseudotumour of the adrenal gland (Case report), 452
CT differentiation of pneumonic-type bronchioloalveolar cell carcinoma and infectious pneumonia, 490
Reproducibility of quantitative CT perfusion imaging (Short communication), 552
CT and DSA appearances of ruptured congenital AVM (Correspondence), 565
Authors' reply (Correspondence), 566
Cystic malignant fibrous histiocytoma of the gastrocolic ligament (Case report), 651
CT findings of portal vein aneurysm caused by gastric adenocarcinoma invading the portal vein (Case report), 654
Imaging of giant tumours involving the anterior skull base (Pictorial review), 662
Renal cortical retention on delayed CT and nephropathy following transcatheter arterial chemoembolisation, 695
Patient and staff dose during CT guided biopsy, drainage and coagulation, 720
Torsion of a normal ovary in a post-pubertal female: unenhanced helical CT appearance (Case report), 762
CT findings in congenital anomalies of the spleen (Pictorial review), 767
Multislice CT: opportunities and challenges (Commentary), 779
Ultrasound *vs* CT for the detection of ureteric stones in patients with renal colic, 901
Provision of MRI can significantly reduce CT collective dose, 926
MAPD—an objective way to select mAs for paediatric brain CT, 932
Melanoptysis: findings on CT and MRI, 1003
Spiral CT venography of the lower extremities by injection via an arm vein in patients with leg swelling, 1013
Subacute pulmonary granulomatous schistosomiasis: high resolution CT appearances—another cause of the halo sign (Case report), 1052
CT and MRI appearance of a fistula between the right and left main bronchus caused by tracheobronchial tuberculosis (Case report), 1056
Imaging of pulmonary manifestations in subtype B of Niemann–Pick disease (Case report), 1059
Strangulated small bowel obstruction related to chronic torsion of an epiploic appendix: CT findings (Case report), 1062
Real-time CT and CT fluoroscopy (Commentary), 1088
Stromal tumour within a Meckel's diverticulum: CT and ultrasound findings (Case report), 1142
Disseminated aspergillosis inciting intestinal ischaemia and obstruction (Case report), 1145
Ruptured mediastinal cystic teratoma with intrapulmonary bronchial invasion: CT demonstration (Case report), 1148
Imaging the post-operative thoracic aorta: normal anatomy and pitfalls, 1150

Interventional radiology

Skin dose and dose-area product values for interventional cardiology procedures, 48
False aneurysm of the pancreaticoduodenal artery complicating therapeutic endoscopic retrograde cholangiopancreatography (Case report), 375
Hepatic arterial occlusion following infusion catheter placement: recanalization using the Palmaz stent (Case report), 448
Treatment of a sternotomy-related false aneurysm using a covered stent-graft (Correspondence), 471
Percutaneous treatment of pseudoaneurysms using fibrin adhesive, 690
The role of oesophageal stenting in the non-surgical management of oesophageal strictures (Review article), 891
Ultrasound guided laser ablation of a parathyroid adenoma, 905
A new stent-graft for transjugular intrahepatic portosystemic shunts, 908
Skin radiation injuries in patients following repeated coronary angioplasty procedures, 1023

Angiography

Rotational digital subtraction angiography of the renal arteries: technique and evaluation in the study of native and transplant renal arteries, 134
Increasing the diagnostic yield of renal angiography for the diagnosis of atheromatous renovascular disease, 213
Comparison of CT angiography with conventional arterial angiography in aortoiliac occlusive disease, 219
False aneurysm of the pancreaticoduodenal artery complicating therapeutic endoscopic retrograde cholangiopancreatography (Case report), 375
CT and DSA appearances of ruptured congenital AVM (Correspondence), 565
Authors' reply (Correspondence), 566
Diagnostic angiography performed by nurses (Short communication), 648
Percutaneous treatment of pseudoaneurysms using fibrin adhesive, 690
Catheter angiography and angioplasty in patients with scleroderma, 1091

Nuclear Medicine

Functional imaging as an aid to decision-making in metastatic paraganglioma (Case report), 266
Breast uptake of iodine-131 mimicking lung metastases in a thyroid cancer patient with a pituitary tumour, 378
The clinical use of PET—where are we now? (Commentary), 399
Sentinel node localization: do or dye alone? (Commentary), 475
Role of radionuclide imaging in hyperthyroid patients with no clinical suspicion of nodules, 486

Radiotherapy for a solitary brain metastasis during pregnancy: a method for reducing fetal dose (Short communication), 638
Intralobar bronchopulmonary sequestration: evidence of air trapping shown by dynamic xenon-133 SPECT (Case report), 657
Radionuclide radiologist directed nuclear medicine services in district general hospitals in the South Thames Region, 715
FDG uptake in the morphologically normal thymus: comparison of FDG positron emission tomography and CT, 821

Paediatric Radiology

Vesicoureteric reflux and renal scarring in Chinese children, 331
Imaging in epilepsy: a paediatric perspective (Review article), 575
Pyelocalyceal diverticulum: the imaging spectrum with emphasis on the ultrasound features, 595
Ultrasound features of spermatic cord hydrocele in children, 818
MAPD—an objective way to select mAs for paediatric brain CT, 932
Key factors in the optimization of paediatric X-ray practice, 1032
Vesicoureteric reflux in Chinese children (Correspondence), 1162
Authors' reply (Correspondence), 1163

Oncology

MRI in the diagnosis and treatment of suspected malignant spinal cord compression, 15
MRI of primary non-Hodgkin's lymphoma of the palatine tonsil, 226
The clinical use of PET—where are we now? (Commentary), 399
MR findings of malignant melanoma of the vagina (Case report), 445
Sentinel node localization: do or dye alone? (Commentary), 475
Challenges for imaging angiogenesis (Commentary), 886
Assessment of MSCC using MRI (Correspondence), 977
Author's reply (Correspondence), 977
The RECIST criteria: implications for diagnostic radiologists (Commentary), 983
Disseminated aspergillosis inciting intestinal ischaemia and obstruction (Case report), 1145

Breast

Colour flow Doppler ultrasound of the carotid bifurcation: can it replace routine angiography before carotid endarterectomy? 590
Geographical distribution of breast cancers on the mammogram: an interval cancer database, 317
Breast uptake of iodine-131 mimicking lung metastases in a thyroid cancer patient with a pituitary tumour, 378
Palpable asymmetrical thickening of the breast: a clinical, radiological and pathological study, 402
A method of coil localization for breast lesions seen only on MRI (Short communication), 548
Risk factors for cancellation of stereotactic large core needle biopsy on a prone biopsy table, 1007
A mammographic dilemma: calcification or haemosiderin as a cause of opacities? Validation of a new digital diagnostic tool (Short communication), 1048
Cancers detected and induced, and associated risk and benefit, in a breast screening programme, 1121

Statistics

Citation rates and impact factors: should they matter? (Commentary), 1
Influence of radiologists' sex and training on fluoroscopy doses during barium enema, 255
DiGeorge syndrome associated with left lung aplasia (Case report), 764
Error in radiology (Short communication), 949
Improved diagnosis of extraheptic biliary atresia by high frequency ultrasound of the gall bladder (Short communication), 952

PET

Functional imaging as an aid to decision-making in metastatic paraganglioma (Case report), 266

Genitourinary tract

General urinary tract

Rotational digital subtraction angiography of the renal arteries: technique and evaluation in the study of native and transplant renal arteries, 134
Increasing the diagnostic yield of renal angiography for the diagnosis of atheromatous renovascular disease, 213
Renal allograft vasculopathy: ultrasound findings in a non-human primate model of chronic rejection, 411
Pyelocalyceal diverticulum: the imaging spectrum with emphasis on the ultrasound features, 595
Renal cortical retention on delayed CT and nephropathy following transcatheter arterial chemoembolisation, 695
Retrograde venous invasion causing vertebral metastases in renal cell carcinoma (Case report), 759
Ultrasound *vs* CT for the detection of ureteric stones in patients with renal colic, 901

Paediatric urinary tract

Vesicoureteric reflux and renal scarring in Chinese children, 331
Vesicoureteric reflux in Chinese children (Correspondence), 1162
Authors' reply (Correspondence), 1163

Gynaecology

MR findings of malignant melanoma of the vagina (Case report), 445
Imaging features of pelvic endometriosis (Pictorial review), 556
Torsion of a normal ovary in a post-pubertal female: unenhanced helical CT appearance (Case report), 762

Obstetrics

Renal arteriography using gadolinium enhanced 3D MR angiography—clinical experience with the technique, its limitations and pitfalls, 495

Male genital system

Ultrasound features of spermatic cord hydrocele in children, 818

Acute segmental testicular infarction: differentiation from tumour using high frequency colour Doppler ultrasound (Case report), 965

Central nervous system

MRI and clinical differences between optic pathway tumours in children with and without neurofibromatosis, 24
Cerebral cryptococcosis: atypical appearances on CT (Case report), 83
T_2 relaxation rate of basal ganglia and cortex in patients with β-thalassaemia major, 407
Trigeminal nerve: anatomy and pathology (Pictorial review), 458
Imaging in epilepsy: a paediatric perspective (Review article), 575

Head and neck

Reproducibility of quantitative CT perfusion imaging (Short communication), 552

Orbits

The effect of decreasing mAs on image quality and patient dose in sinus CT, 157
Development of a protocol for coronal reconstruction of the maxillofacial region from axial helical CT data, 323

Dental

Mandibular haemophilic pseudotumour containing a fluid–fluid level (Case report), 186

Sinuses

Imaging of giant tumours involving the anterior skull base (Pictorial review), 662

Ear, nose and throat

MRI of primary non-Hodgkin's lymphoma of the palatine tonsil, 226
Detection of nasopharyngeal carcinoma: fast short time inversion recovery images compared with fat suppression, contrast enhanced T_1 weighted spin echo images, 805

Respiratory tract

Visibility of small peripheral lung cancers on chest radiographs: influence of densitometric parameters, CT values and tumour type, 32
Pulmonary hypertension secondary to left-sided heart disease: a cause for ventilation–perfusion mismatch mimicking pulmonary embolism (Case report), 86
Lobar atelectasis: diagnostic pitfalls on chest radiography (Pictorial review), 89
Non-specific interstitial pneumonia showing a "crazy paving" pattern on high resolution CT (Case report), 189
Lung cancer screening (Review article), 478
CT differentiation of pneumonic-type bronchioloalveolar cell carcinoma and infectious pneumonia, 490
Intralobar bronchopulmonary sequestration: evidence of air trapping shown by dynamic xenon-133 SPECT (Case report), 657
Breath-hold MRI in evaluating patients with pectus excavatum, 701
DiGeorge syndrome associated with left lung aplasia (Case report), 764
Silicosis-induced pulmonary artery stenosis: demonstration by MR angiography and perfusion MRI (Case report), 859
Atelectasis or collapse? Do those who use the former imply a neonatal aetiology? (Correspondence), 874
Authors' reply (Correspondence), 875
Calcification in invasive tracheal aspergillosis demonstrated on ultrasound: a new finding (Case report), 955
Melanoptysis: findings on CT and MRI, 1003
Subacute pulmonary granulomatous schistosomiasis: high resolution CT appearances—another cause of the halo sign (Case report), 1052
CT and MRI appearance of a fistula between the right and left main bronchus caused by tracheobronchial tuberculosis (Case report), 1056
Imaging of pulmonary manifestations in subtype B of Niemann–Pick disease (Case report), 1059

Cardiovascular system

Quality criteria for cardiac images in diagnostic and interventional cardiology (Short communication), 852
Skin radiation injuries in patients following repeated coronary angioplasty procedures, 1023

Acquired heart disease

Pulmonary hypertension secondary to left-sided heart disease: a cause for ventilation–perfusion mismatch mimicking pulmonary embolism (Case report), 86
Magnetic resonance evaluation of the pericardium (Pictorial review), 384

Congenital heart disease

MRI diagnosis of a previously undiagnosed large trabecular ventricular septal defect in an adult after multiple catheterizations and angiocardiograms (Case report), 280
Intralobar bronchopulmonary sequestration: evidence of air trapping shown by dynamic xenon-133 SPECT (Case report), 657
DiGeorge syndrome associated with left lung aplasia (Case report), 764

Great vessels

Thrombosed double inferior vena cava mimicking paraaortic lymphadenopathy (Case report), 192
Identification of vertebral arteries on CT of the chest, 328
CT and DSA appearances of ruptured congenital AVM (Correspondence), 565
Authors' reply (Correspondence), 566
Reversed portal vein pulsatility on Doppler ultrasound secondary to an iatrogenic mediastinal haematoma (Case report), 962
Imaging the post-operative thoracic aorta: normal anatomy and pitfalls, 1150

Peripheral arterial system

Rotational digital subtraction angiography of the renal arteries: technique and evaluation in the study of native and transplant renal arteries, 134

Increasing the diagnostic yield of renal angiography for the diagnosis of atheromatous renovascular disease, 213
Comparison of CT angiography with conventional arterial angiography in aortoiliac occlusive disease, 219
False aneurysm of the pancreaticoduodenal artery complicating therapeutic endoscopic retrograde cholangiopancreatography (Case report), 375
Treatment of a sternotomy-related false aneurysm using a covered stent-graft (Correspondence), 471
Renal arteriography using gadolinium enhanced 3D MR angiography—clinical experience with the technique, its limitations and pitfalls, 495
Colour flow Doppler ultrasound of the carotid bifurcation: can it replace routine angiography before carotid endarterectomy? 590
Diagnostic angiography performed by nurses (Short communication), 648
Percutaneous treatment of pseudoaneurysms using fibrin adhesive, 690
Catheter angiography and angioplasty in patients with scleroderma, 1091

Peripheral venous system

Spiral CT venography of the lower extremities by injection via an arm vein in patients with leg swelling, 1013

Lymphatic system

Electrical impedance scanning: a new technique in the diagnosis of lymph nodes in which malignancy is suspected on ultrasound, 42

Skeletal

Congenital

The use of beam angulation to overcome anisotropy when viewing human tendon with high frequency linear array ultrasound (Short communication), 183

Trauma

Development of a protocol for coronal reconstruction of the maxillofacial region from axial helical CT data, 323
Alternative radiographic projections of the ulnar coronoid process (Short communication), 756

Tumour

Imaging of giant tumours involving the anterior skull base (Pictorial review), 662

Haemipoetic

Mandibular haemophilic pseudotumour containing a fluid–fluid level (Case report), 186

Spine

MRI in the diagnosis and treatment of suspected malignant spinal cord compression, 15
Pseudolesion in segment IV of the liver adjacent to the falciform ligament caused by drainage of the paraumbilical vein: demonstration by power Doppler ultrasound (Case report), 273
High resolution CISS imaging of the spine (Pictorial review), 862
Assessment of MSCC using MRI (Correspondence), 977
Author's reply (Correspondence), 977

Bone densitometry

Comparisons between a pencil beam and two fan beam dual energy X-ray absorptiometers used for measuring total body bone and soft tissue, 166
Evaluation of bone mineral density by quantitative ultrasound of bone in 16 862 subjects during routine health examination, 602
Multicentre investigations into uncertainty in neck of femur and total hip DXA measurements (Correspondence), 775
Bone densitometry in the management of Colles' fractures: which site to measure? 1137

Digestive system

Salivary glands

The role of MRI in facial swelling due to presumed salivary gland disease, 127

Pharynx/oesophagus

The role of oesophageal stenting in the non-surgical management of oesophageal strictures (Review article), 891

Stomach

CT findings of portal vein aneurysm caused by gastric adenocarcinoma invading the portal vein (Case report), 654
Imaging appearances of metastases from neuroendocrine tumours of the pancreas (Pictorial review), 1065

Small intestine

CT and bowel disease (Review article), 4
Ischaemic ileal stenosis following blunt abdominal trauma and demonstrated by CT (Case report), 277
Strangulated small bowel obstruction related to chronic torsion of an epiploic appendix: CT findings (Case report), 1062
Imaging appearances of metastases from neuroendocrine tumours of the pancreas (Pictorial review), 1065
Stromal tumour within a Meckel's diverticulum: CT and ultrasound findings (Case report), 1142
Disseminated aspergillosis inciting intestinal ischaemia and obstruction (Case report), 1145

Colon and rectum

CT and bowel disease (Review article), 4
Transit endoscopic ultrasound of colorectal cancer using a 12 MHz catheter probe, 1017

Biliary

Hypoechoic area as an ultrasound finding suggesting subserosal invasion in polypoid carcinoma of the gall bladder (Case report), 455
Improved diagnosis of extraheptic biliary atresia by high frequency ultrasound of the gall bladder (Short communication), 952

Liver

The findings of ruptured hepatocellular carcinoma on helical CT, 142

Gadolinium enhanced three-dimensional magnetic resonance portography with subtraction, 147

Haemorrhagic hepatic cyst: a differential diagnosis of cystic tumour (Case report), 270

Hepatic arterial occlusion following infusion catheter placement: recanalization using the Palmaz stent (Case report), 448

Hepatic vein transit time of an ultrasound contrast agent: simplified procedure using pulse inversion imaging (Short communication), 752

A new stent-graft for transjugular intrahepatic portosystemic shunts, 908

Pancreas

False aneurysm of the pancreaticoduodenal artery complicating therapeutic endoscopic retrograde cholangiopancreatography (Case report), 375

MRI of pancreatic neuroendocrine tumours (Pictorial review), 968

Soft tissues

The imaging appearances of hydatid disease at some unusual sites (Pictorial review), 283

CT appearances of HIV-related lipodystrophy syndrome (Case report), 382

Cystic malignant fibrous histiocytoma of the gastrocolic ligament (Case report), 651

CT findings in congenital anomalies of the spleen (Pictorial review), 767

Endocrine system

Thyroid

Role of radionuclide imaging in hyperthyroid patients with no clinical suspicion of nodules, 486

Radiotherapy for a solitary brain metastasis during pregnancy: a method for reducing fetal dose (Short communication), 638

Adrenals

Calcifying fibrous pseudotumour of the adrenal gland (Case report), 452

Mediastinum

Identification of vertebral arteries on CT of the chest, 328

FDG uptake in the morphologically normal thymus: comparison of FDG positron emission tomography and CT, 821

Anterior mediastinal bronchogenic cyst: demonstration of complicating malignancy by CT and MRI (Case report), 959

Reversed portal vein pulsatility on Doppler ultrasound secondary to an iatrogenic mediastinal haematoma (Case report), 962

Ruptured mediastinal cystic teratoma with intrapulmonary bronchial invasion: CT demonstration (Case report), 1148

Contrast media

Renal cortical retention on delayed CT and nephropathy following transcatheter arterial chemoembolisation, 695

Changes in endothelial, leucocyte and platelet markers following contrast medium injection during angiography in patients with peripheral artery disease, 811

Stabilization of the hydrophilic sphere of non-ionic monomers: are all protected in a similar way? 1097

Radiographic contrast media induced nephropathy: experimental observations and the protective effect of calcium channel blockers, 1103

Effects of radiographic contrast media on pulmonary vascular resistance of normoxic and chronically hypoxic pulmonary hypertensive rats, 1109

Clinical audit and management

The role of preliminary interpretation of chest radiographs by radiographers in the management of acute medical problems within a cardiothoracic centre, 230

Bias in plain film reading performance studies (Review article), 307

Geographical distribution of breast cancers on the mammogram: an interval cancer database, 317

Maximizing the benefit–minimizing the risk: the developing role of radiographers in performing intravenous injections (Review article), 684

Quality criteria for cardiac images in diagnostic and interventional cardiology (Short communication), 852

Sedation, safety and MRI (Correspondence), 875

Author's reply (Correspondence), 875

Error in radiology (Short communication), 949

Key factors in the optimization of paediatric X-ray practice, 1032

Clinical governance: is it coming of age? (Commentary), 1083

PHYSICS AND TECHNOLOGY

Diagnostic radiology physics

Conventional

Demonstration of correlations between clinical and physical image quality measures in chest and lumbar spine screen–film radiography, 520

CT

Reproducibility of quantitative CT perfusion imaging (Short communication), 552

A practical approach to the first iteration in the optimization of radiation dose and image quality in CT: estimates of the collective dose savings achieved, 607

Patient and staff dose during CT guided biopsy, drainage and coagulation, 720

Application of European Commission reference dose levels in CT examinations in Crete, Greece, 836

Provision of MRI can significantly reduce CT collective dose, 926

Real-time CT and CT fluoroscopy (Commentary), 1088

Analysis of surface dose variation in CT procedures, 1128

Dental

Reference doses in dental radiodiagnostic facilities, 153

Mammography

A parametric method for determining mammographic X-ray tube output and half value layer, 335
Procedure for quantitatively assessing automatic exposure control in mammography: a study of the GE Senographe 600 TS, 615
ROC curve analysis of lesion detectability on phantoms: comparison of digital spot mammography with conventional spot mammography, 621
Multislice CT: opportunities and challenges (Commentary), 779
Implications of using high contrast mammography X-ray film–screen combinations, 825
Quantifying image quality at breast periphery mammary gland in mammography using wavelet analysis, 913
Skin radiation injuries in patients following repeated coronary angioplasty procedures, 1023
A mammographic dilemma: calcification or haemosiderin as a cause of opacities? Validation of a new digital diagnostic tool (Short communication), 1048
Cancers detected and induced, and associated risk and benefit, in a breast screening programme, 1121

Image processing/perception/quality/image analysis

A digital frame of reference for viewing digital images (Short communication), 69
Artefacts found in computed radiography (Pictorial Review), 195
Demonstration of correlations between clinical and physical image quality measures in chest and lumbar spine screen–film radiography, 520
ROC curve analysis of lesion detectability on phantoms: comparison of digital spot mammography with conventional spot mammography, 621
In the eyes of the beholder: what we see is not what we get (Commentary), 675
A protocol-based evaluation of medical image digitizers, 841
Quality criteria for cardiac images in diagnostic and interventional cardiology (Short communication), 852

PACS/image handling/3D

A digital frame of reference for viewing digital images (Short communication), 69
A protocol-based evaluation of medical image digitizers, 841

QA/protection

A generic approach to risk assessment for the Ionising Radiations Regulations 1999, 62
Calibration frequency of DAP meters (Short communication), 259
The diagnostic X-ray protection characteristics of Panelcrete™, Aquapanel™, Betopan™ and Gypsoplak Superboard™, 351
Ionising Radiation (Medical Exposure) Regulations: impact on clinical radiology (Commentary), 571
Patient and staff dose during CT guided biopsy, drainage and coagulation, 720
Diagnostic reference levels—the way forward (Commentary), 785
IRPA-10: 10th International Congress of the International Radiation Protection Association (Commentary), 883
"What's in a name?": The Ionising Radiations Regulations (IRR99) and the Ionising Radiation (Medical Exposure) Regulations (IR(ME)R 2000) (Commentary), 987
Calibration frequency of DAP meters (Correspondence), 1078

Dose calculation/measurement/instrumentation

Skin dose and dose-area product values for interventional cardiology procedures, 48
Reference doses in dental radiodiagnostic facilities, 153
The effect of decreasing mAs on image quality and patient dose in sinus CT, 157
Reduction of radiation dose to patients undergoing barium enema by dose audit, 162
Influence of radiologists' sex and training on fluoroscopy doses during barium enema, 255
The effect of beam tube potential variation on gonad dose to patients during chest radiography investigated using high sensitivity LiF:Mg,Cu,P thermoluminescent dosemeters, 358
Patient and occupational dosimetry in double contrast barium enema examinations, 420
A practical approach to the first iteration in the optimization of radiation dose and image quality in CT: estimates of the collective dose savings achieved, 607
Equivalent dose to the fetus from occupational exposure of pregnant staff in diagnostic radiology, 629
Patient and staff dose during CT guided biopsy, drainage and coagulation, 720
Differences in effective dose estimation from dose–area product and entrance surface dose measurements in intravenous urography, 727
Application of European Commission reference dose levels in CT examinations in Crete, Greece, 836
Neonatal chest and abdominal radiation dosimetry: a comparison of two radiographic techniques, 920
A computer model of an image intensifier system working under automatic brightness control, 938
Analysis of surface dose variation in CT procedures, 1128
Whole body radiation dose to the operator in bone mineral densitometry (Correspondence), 1161

Bone densitometry

Comparisons between a pencil beam and two fan beam dual energy X-ray absorptiometers used for measuring total body bone and soft tissue, 166
Development of a phantom for morphometric X-ray absorptiometry, 341
Multicentre investigations into uncertainty in neck of femur and total hip DXA measurements (Correspondence), 775
Bone densitometry in the management of Colles' fractures: which site to measure? 1137
Whole body radiation dose to the operator in bone mineral densitometry (Correspondence), 1169

Detectors

Electrical impedance scanning: a new technique in the diagnosis of lymph nodes in which malignancy is suspected on ultrasound, 42

Radiotherapy physics

Photon therapy

Influence of a vac-fix immobilization device on the accuracy of patient positioning during routine breast radiotherapy, 249

Performance assessment of the Gulmay D3300 kilovoltage X-ray therapy unit, 537

Total body irradiation using a modified standing technique: a single institution 7 year experience, 1041

Brachytherapy

Comments on the calibration of pre-cut iridium-192 wires for low dose rate interstitial brachytherapy using a Farmer-type ionization chamber (Correspondence), 291

Author's reply (Correspondence), 292

Equipment/linear accelerators

X-ray leakage considerations for IMRT (Correspondence), 98

Radiotherapy equipment—purchase or lease? 735

Conformal therapy/multileaf/portal imaging

X-ray leakage considerations for IMRT (Correspondence), 98

Influence of a vac-fix immobilization device on the accuracy of patient positioning during routine breast radiotherapy, 249

Radiotherapy imaging/simulation

Image segmentation in treatment planning for prostate cancer using the region growing technique, 243

Portal imaging (Review article), 789

Radionuclide therapy

A purpose-built iodine-125 irradiation plaque for low dose rate low energy irradiation of cell lines *in vitro*, 56

Value of protein-bound radioactive iodine measurements in the management of differentiated thyroid cancer treated with ^{131}I, 429

Treatment planning/dose computation

Variation in size and position of the planning target volume in the transverse plane owing to respiratory movement during radiotherapy to the lung (Short communication), 73

Image segmentation in treatment planning for prostate cancer using the region growing technique, 243

Performance assessment of the Gulmay D3300 kilovoltage X-ray therapy unit, 537

A simple method for verifying spinal cord position on oblique simulation and portal verification radiographs of the chest (Correspondence), 671

QA/protection

Timer error: the possibility of confusion arising from two different sign conventions (Correspondence), 290

Dose measurement/calibration/instrumentation

Comments on the calibration of pre-cut iridium-192 wires for low dose rate interstitial brachytherapy using a Farmer-type ionization chamber (Correspondence), 291

Author's reply (Correspondence), 292

Timer error and sign convention (Correspondence), 978

Authors' reply (Correspondence), 979

Nuclear medicine

Equipment/gamma camera/PET/SPECT

Gamma camera positron emission tomography (Commentary), 303

The clinical use of PET—where are we now? (Commentary), 399

QA/protection

A generic approach to risk assessment for the Ionising Radiations Regulations 1999, 62

Estimating periods of non-close-contact for relatives of radioactive patients (Correspondence), 100

Care of a terminally ill patient following a thyroid ablation dose of ^{131}I-sodium iodide (Correspondence), 1077

Author's reply (Correspondence), 1077

Ultrasound

Instrumentation/QA

The use of beam angulation to overcome anisotropy when viewing human tendon with high frequency linear array ultrasound (Short communication), 183

Magnetic resonance

Free radical imaging (Commentary), 782

Instrumentation/imaging

Mathematical segmentation of grey matter, white matter and cerebral spinal fluid from MR image pairs, 234

MR diffusion tensor imaging of white matter tract disruption in stroke at 3 T (Short communication), 642

QA/protection

The ferromagnetic pillow: a potential MR hazard not detectable by a hand-held magnet (Short communication), 847

RADIOTHERAPY AND ONCOLOGY

Clinical systems

Head and neck

Evaluation of the optimal co-planar field arrangement for use in the boost phase of dose escalated conformal radiotherapy for localized prostate cancer, 177

Functional imaging as an aid to decision-making in metastatic paraganglioma (Case report), 266

Radiotherapy combined with simultaneous chemotherapy with mitomycin-C and 5-fluorouracil for inoperable head and neck cancer, 368

Haemangiopericytoma diagnosed from a metastasis 11 years after surgery for "atypical meningioma" (Case report), 856

Genitourinary

MR findings of malignant melanoma of the vagina (Case report), 445

Re-irradiation and external hyperthermia in locally advanced, radiation recurrent, hormone refractory prostate cancer: a preliminary report, 745

Gastrointestinal

Renal cortical retention on delayed CT and nephropathy following transcatheter arterial chemoembolisation, 695

Therapeutic effects of simultaneous intraluminal irradiation and intraluminal hyperthermia on oesophageal carcinoma, 709

Breast

Variation in the probability of cardiac complications with radiation technique in early breast cancer (Short communication), 262

Leukaemia

Total body irradiation using a modified standing technique: a single institution 7 year experience, 1041

Thyroid

Value of protein-bound radioactive iodine measurements in the management of differentiated thyroid cancer treated with ^{131}I, 429

Others

Influence of a vac-fix immobilization device on the accuracy of patient positioning during routine breast radiotherapy, 249

Re-irradiation for prophylaxis of heterotopic ossification after hip surgery, 503

Clinical radiotherapy

External beam

Variation in the probability of cardiac complications with radiation technique in early breast cancer (Short communication), 262

Radiotherapy combined with simultaneous chemotherapy with mitomycin-C and 5-fluorouracil for inoperable head and neck cancer, 368

Radiotherapy equipment—purchase or lease? 735

Re-irradiation and external hyperthermia in locally advanced, radiation recurrent, hormone refractory prostate cancer: a preliminary report, 745

Haemangiopericytoma diagnosed from a metastasis 11 years after surgery for "atypical meningioma" (Case report), 856

3D treatment planning/normal tissue sparing

Evaluation of the optimal co-planar field arrangement for use in the boost phase of dose escalated conformal radiotherapy for localized prostate cancer, 177

Image segmentation in treatment planning for prostate cancer using the region growing technique, 243

A simple method for verifying spinal cord position on oblique simulation and portal verification radiographs of the chest (Correspondence), 671

Conformal therapy/dose escalation

Evaluation of the optimal co-planar field arrangement for use in the boost phase of dose escalated conformal radiotherapy for localized prostate cancer, 177

Isotope therapy

Value of protein-bound radioactive iodine measurements in the management of differentiated thyroid cancer treated with ^{131}I, 429

Toxicity and symptom management

Variation in the probability of cardiac complications with radiation technique in early breast cancer (Short communication), 262

Chemotherapy

Combined chemoradiation

Radiotherapy combined with simultaneous chemotherapy with mitomycin-C and 5-fluorouracil for inoperable head and neck cancer, 368

Clinical management and audit

Clinical governance: risks and quality control in radiotherapy (Commentary), 209

Novel and combined treatment modalities

Therapeutic effects of simultaneous intraluminal irradiation and intraluminal hyperthermia on oesophageal carcinoma, 709

Vaccines in oncology: background and clinical potential (Review article), 991

Hyperthermia

Re-irradiation and external hyperthermia in locally advanced, radiation recurrent, hormone refractory prostate cancer: a preliminary report, 745

Radiation/chemotherapy

Radiotherapy combined with simultaneous chemotherapy with mitomycin-C and 5-fluorouracil for inoperable head and neck cancer, 368

General

Radiotherapy equipment—purchase or lease? 735

RADIOBIOLOGY

Biological basis of radiological protection

Carcinogenesis

100 years of observation on British radiologists: mortality from cancer and other causes 1897–1997, 507

Radiation carcinogenesis modelling for risk of treatment-related second tumours following radiotherapy, 529

Occupational and medical exposures
How to cope with radiation accidents: the medical management (Commentary), 121
100 years of observation on British radiologists: mortality from cancer and other causes 1897–1997, 507
Depleted uranium and radiation-induced lung cancer and leukaemia (Commentary), 677

Radiobiology as applied to radiotherapy
Normal tissue toxicity
In vivo radioprotection of mouse brain endothelial cells by Hoechst 33342 (Short communication), 77
Changes in epidermal radiosensitivity with time associated with increased colony numbers, 434

Tumour models
Radiation carcinogenesis modelling for risk of treatment-related second tumours following radiotherapy, 529

Dose rate
A purpose-built iodine-125 irradiation plaque for low dose rate low energy irradiation of cell lines in vitro, 56

Protectors
In vivo radioprotection of mouse brain endothelial cells by Hoechst 33342 (Short communication), 77

Mathematical models
Tumour proliferation kinetics
Radiation carcinogenesis modelling for risk of treatment-related second tumours following radiotherapy, 529

EDUCATION

Eyes wide apart! 103
A case of Crohn's disease with leg pain, 203
The fog clears, 295
Pyrexia of unknown origin in an elderly lady, 393
Spastic quadriparesis in a dwarf, 469
A right upper zone chest mass in a smoker, 563
Pulsatile tinnitus, 669
Painful swelling of the thigh, 773
Don't be a clot! 877
A lump in the buttock, 975
What the endoscopist saw, 1075
A distinctive shoulder mass, 1159

COMMENTARIES

Citation rates and impact factors: should they matter? 1
How to cope with radiation accidents: the medical management, 121
Clinical governance: risks and quality control in radiotherapy, 209
Gamma camera positron emission tomography, 303
The clinical use of PET—where are we now? 399
Sentinel node localization: do or dye alone? 475
Ionising Radiation (Medical Exposure) Regulations: impact on clinical radiology, 571
In the eyes of the beholder: what we see is not what we get, 675
Depleted uranium and radiation-induced lung cancer and leukaemia, 677
Multislice CT: opportunities and challenges, 779
Free radical imaging, 782
Diagnostic reference levels—the way forward, 785
IRPA-10: 10th International Congress of the International Radiation Protection Association, 883
Challenges for imaging angiogenesis, 886
The RECIST criteria: implications for diagnostic radiologists, 983
"What's in a name?": The Ionising Radiations Regulations (IRR99) and the Ionising Radiation (Medical Exposure) Regulations (IR(ME)R 2000) 987
Clinical governance: is it coming of age? 1083
Real-time CT and CT fluoroscopy, 1088

BOOK REVIEWS

Allan PL, Dubbins PA, Pozniak MA and McDicken WN, Clinical Doppler Ultrasound, 294
Balter S, Interventional Fluoroscopy. Physics, technology, and safety, 974
Baxter GM, Allan PLP and Morley P, Clinical diagnostic ultrasound, 205
el Helou A, Atlas of Diagnostic Nuclear Medicine, 879
Fordham JN, Manual of Bone Densitometry Measurements, 879
Gillespie JE and Jackson A, MRI and CT of the Brain, 1073
Gore RM and Levine MS, Textbook of Gastrointestinal Radiology, Vols 1 & 2, 1071
Highnam R and Brady M, Mammographic Image Analysis, 1072
Hruby W, Digital (r)Evolution in Radiology, 1073
ICRU, Prescribing, Recording and Reporting Photon Beam Therapy (supplement to ICRU Report 50), ICRU Report 62, 294
International Atomic Energy Agency, The Radiological Accident in Lilo, The Radiological Accident in Istanbul and The Radiological Accident in Yanango, 297
Kalender WA, Computed Tomography, 974
Marinkovic S, Schellinger D, Milisavljevic M and Antunovic V, Sectional and MRI Anatomy of the Human Body, 297
Nagel HD, Radiation Exposure in Computed Tomography, 298
NCRP, Radiation Protection for Procedures Performed Outside the Radiology Department, NCRP Report No. 133, 1072
Newing A, Light, Visible and Invisible (and its medical applications), 205
Ng K-H, Bradley DA and Warren-Forward HM, Subject Dose in Radiological Imaging, 395
Palmer PES and Reeder MM, The Imaging of Tropical Diseases, Vols 1 & 2, 668
Ramsey RG, Teaching Atlas of Spine Imaging, 298
Sprawls P, Magnetic Resonance Imaging: principles, methods and techniques, 468

INFORMATION FOR AUTHORS

Acknowledgment to Referees, 105
Instructions for Authors, 107
Index to Volume, 1167